Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Wednesday 02 Feb 2022 until 23:59 on Thursday 03 Feb 2022

Forecast Issued on Wednesday 02 Feb 2022 at 02:02

Confidence: High for changeable quite unsettled conditions, also occasional summit snow and gales, but lowering confidence in the detail of worst conditions due to the mobile nature of the weather patterns.

Headline for Wednesday 02 Feb 2022: Cloudy with occasional rain and drizzle. Freezing level above summits.

Mountain weather hazards on Wednesday 02 Feb 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Drizzle	Light rain	Cloudy	Cloudy	Cloudy
Precipitation probability					
40%	40%	30%	20%	20%	20%

Forecast for Wednesday 02 Feb 2022

Weather: Cloud extensive for most of the area throughout bringing periods of light rain and drizzle, always most persistent across western ranges. However a few limited brighter spells may develop, chiefly during the afternoon and across eastern peaks such as High Street.

Chance of cloud-free hill tops above 800m: Virtually nil in west 10% in east

Low cloud and visibility: Moderate or poor in rain and drizzle, very poor in hill fog with bases generally extensive above 450m, but chance of limited breaks developing in east, chiefly for afternoon.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2022. All Rights Reserved.

Mountain Weather Forecast

Forecast for Wednesday 02 Feb 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	39/47 W	37/45 W	30/37 W	22/28 W	23/28 SW	20/26 SW	24/30 SW
600	30/38 W	29/38 W	25/34 W	19/26 W	18/25 SW	17/23 SW	20/28 SW
300	10/32 W	12/33 W	12/29 W	9/22 W	9/21 W	8/20 SW	9/23 SW
Valley	8/26 W	10/27 W	11/25 W	9/19 W	9/20 W	7/17 SW	11/23 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	4/-4	4/-3	4/-3	3/-2	3/-3	2/-3	3/-3
600	5/-1	5/-0	6/0	5/0	4/-0	4/-1	4/-1
300	6/3	6/3	7/3	6/4	6/3	6/4	6/3
Valley	8/6	8/5	8/5	8/6	8/5	8/6	8/5
Freezing Level*	1800m	1700m	1700m	1600m	1500m	1300m	1300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Difficult navigation in extensive hill fog. Significant wind chill across higher peaks

Forecast for Thursday 03 Feb 2022

Weather: Similar to Wednesday with cloud and patchy rain or drizzle dominating the day, but again some chance of limited brighter spells appearing, chiefly across the east and during the afternoon. Band of heavier rain crossing from the north during the early evening, which turns wintry down to 800m on its back edge as it clears south, with snow level dropping to 500m in the isolated showers towards midnight.

Maximum wind: West or southwest mean 30-35mph with gusts reaching 50mph across most exposed ridges and summits.

Chance of cloud-free hill tops above 800m: Virtually nil in west 10% in east

Low cloud and visibility: Moderate or poor in rain and drizzle, very poor in hill fog with bases generally extensive above 450m, but chance of limited breaks developing in east, chiefly for afternoon.

Temperature: **Valleys:** Plus 6 Celsius increasing 11 Celsius during the afternoon
At 800m: Plus 3 Celsius decreasing minus 2 Celsius towards midnight
Freezing level: 1300m lowering 600m towards midnight

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2022. All Rights Reserved.

Ground Conditions Supplement

Date: Tuesday 1 February Location: Helvellyn summit at 12:00 Full report: The vast majority of both the Lakeland Fells and paths are free from snow right up to and including summit level. In fact probably the only path currently remaining in the Lakes with unavoidable snow on it is on Swirral Edge where a small patch can be found at the very top of it just before gaining the summit. Although now very small, it is not a place to slip so care needs to be taken when crossing it especially if it is hard and icy – which it still is having been compacted by many feet. Conversely, by careful route choice (ie reaching/leaving the summit just south of the Gough memorial) Striding Edge can now be climbed without setting foot on snow. At midday, the summit temperature was plus 3 degrees and it was drizzling (or possibly just dampness within the cloud!) Either way it was softening the remaining snow (apart from where it has been compacted) and slowly thawing it. This old snow has been present for weeks now and can be found in sheltered spots and hollows and on east and north facing aspects mainly now only above 850m. Very little ice was encountered today. However, with a summit temperature only marginally above freezing, it would only take a slight drop for ice to reform, so walkers out on the high fells on Wednesday should expect and be prepared to encounter ice on paths. Far more of an issue today was the strength, and especially the gusty nature, of the wind. Foot placement demanded concentration! Despite the milder temperatures, the summit windchill (what the temperature feels like) remains well below freezing, so full winter clothing (waterproofs, extra warm layers, hat & gloves), mountain boots and equipment - including torch, map & compass - are all essential for anyone venturing out onto the high fells. Temperature: plus 2.9C. Maximum wind speed 51.4mph. Wind chill: minus 6.3C. Average wind speed: 36.1mph.

Issued at: 02:02 on Wed 02 Feb 2022

© Crown Copyright 2022. All Rights Reserved.